

FIGURE 1. Time Period Layout Parameters

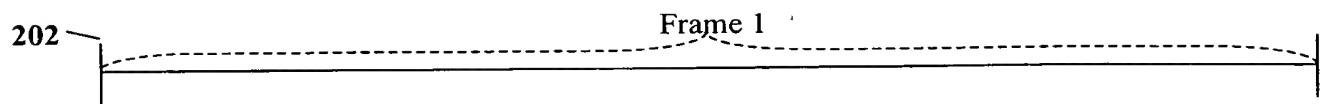


FIGURE 2a.

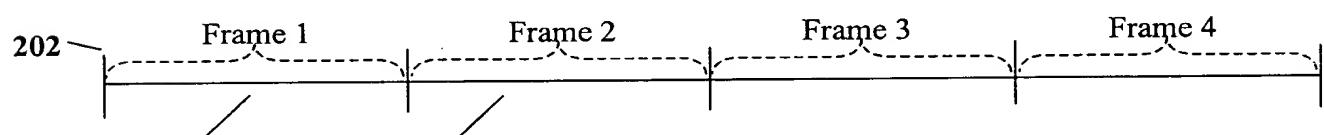


FIGURE 2b.

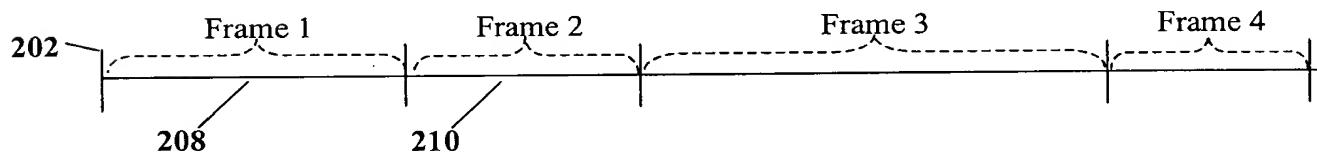


FIGURE 2c.

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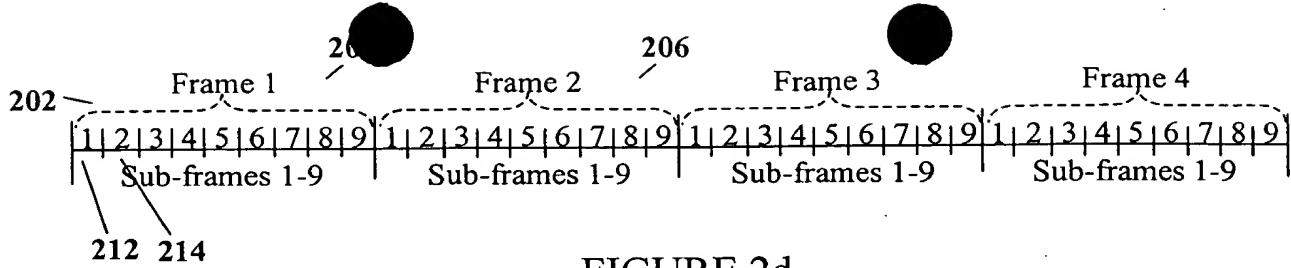


FIGURE 2d.

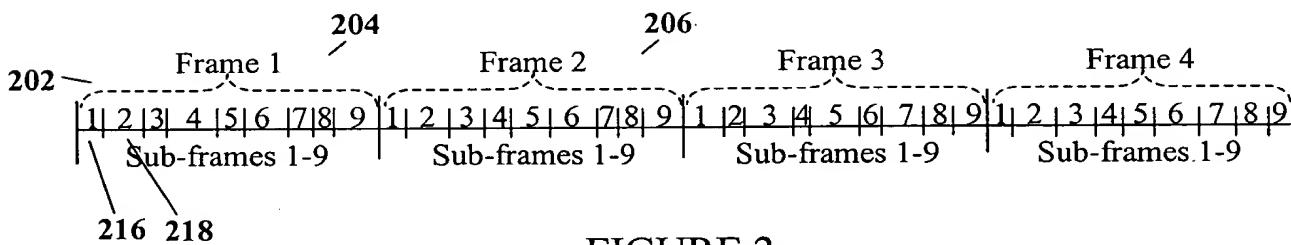


FIGURE 2e.

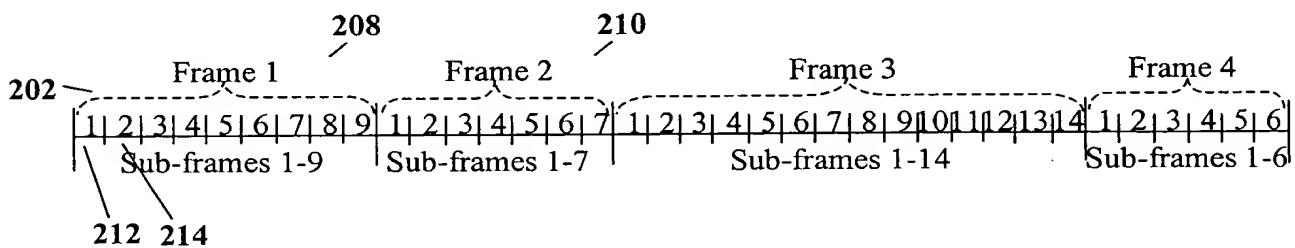


FIGURE 2f.

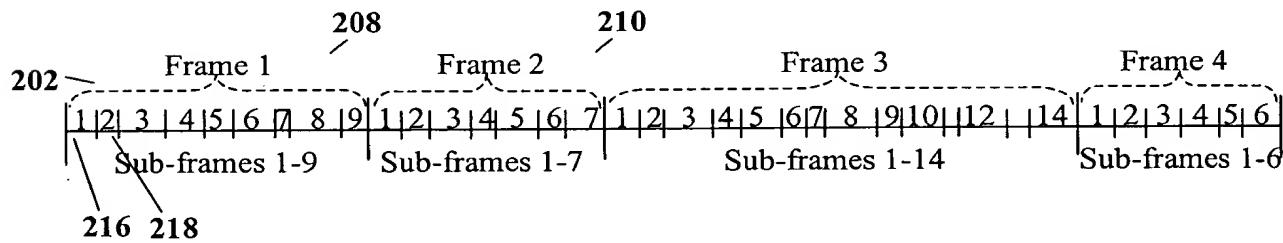


FIGURE 2g.

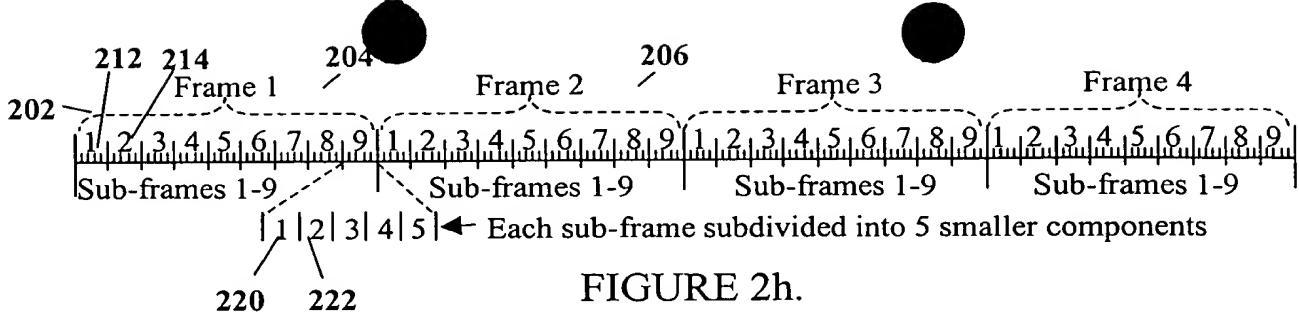


FIGURE 2h.

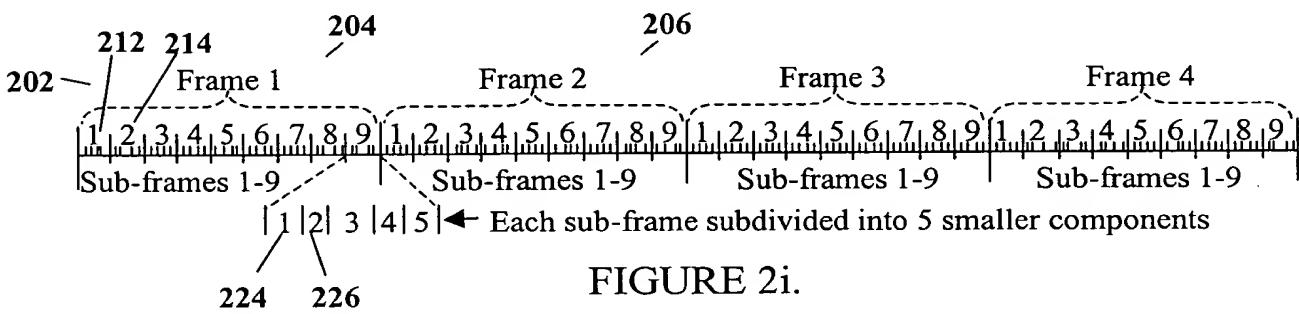


FIGURE 2i.

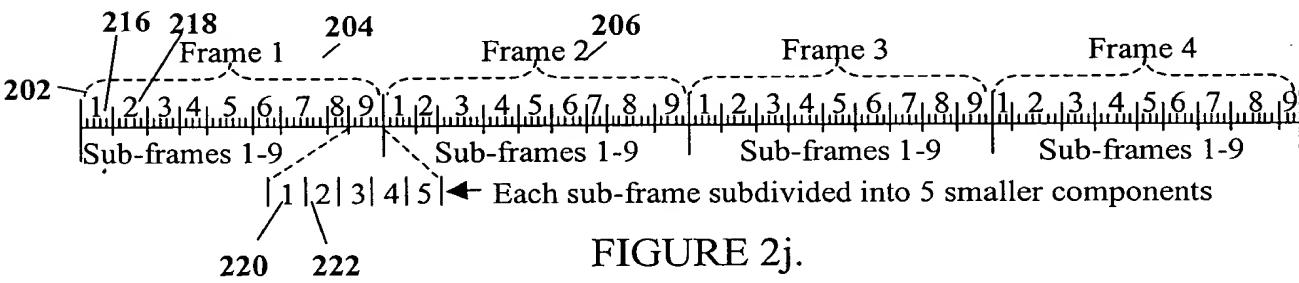


FIGURE 2j.

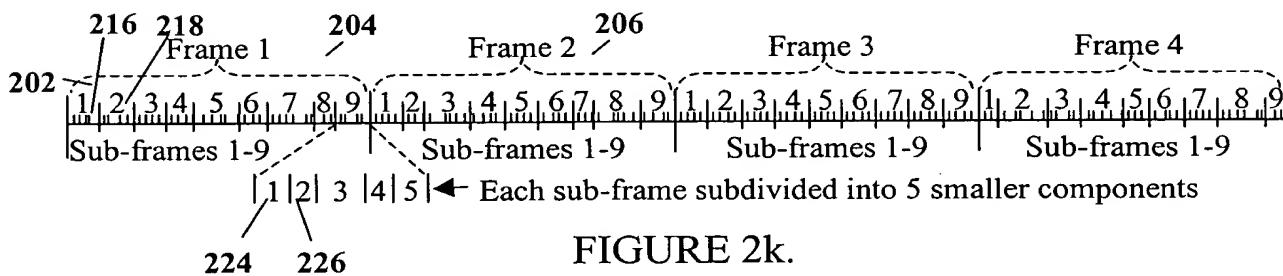


FIGURE 2k.

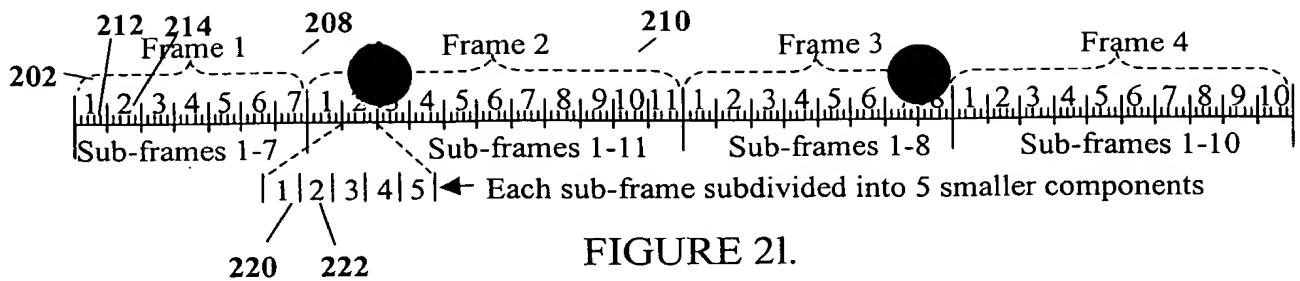


FIGURE 21.

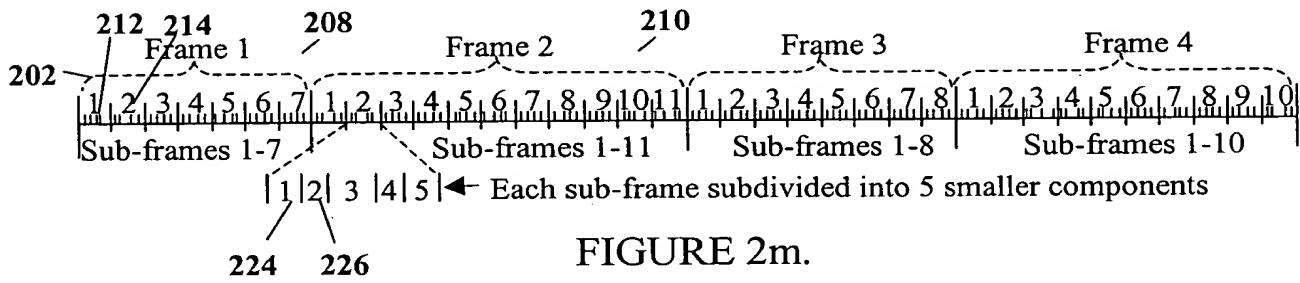


FIGURE 2m.

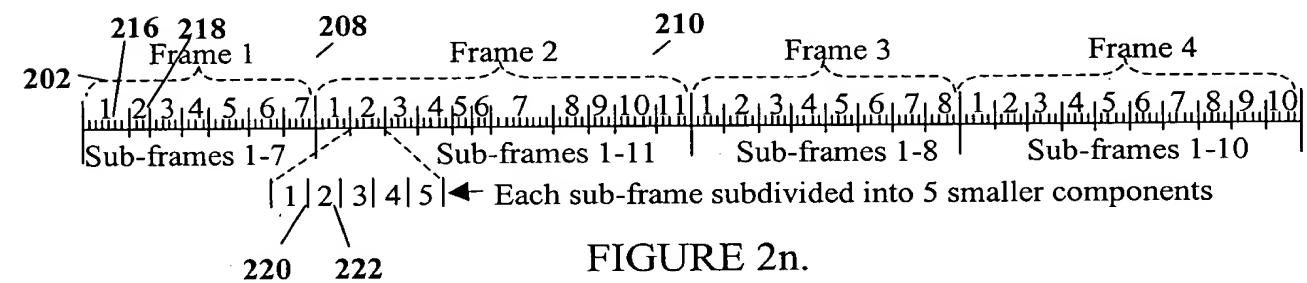


FIGURE 2n.

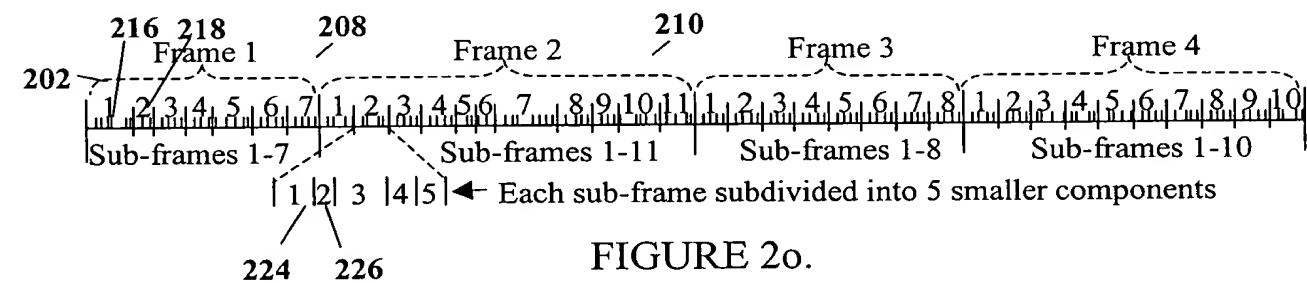


FIGURE 2o.

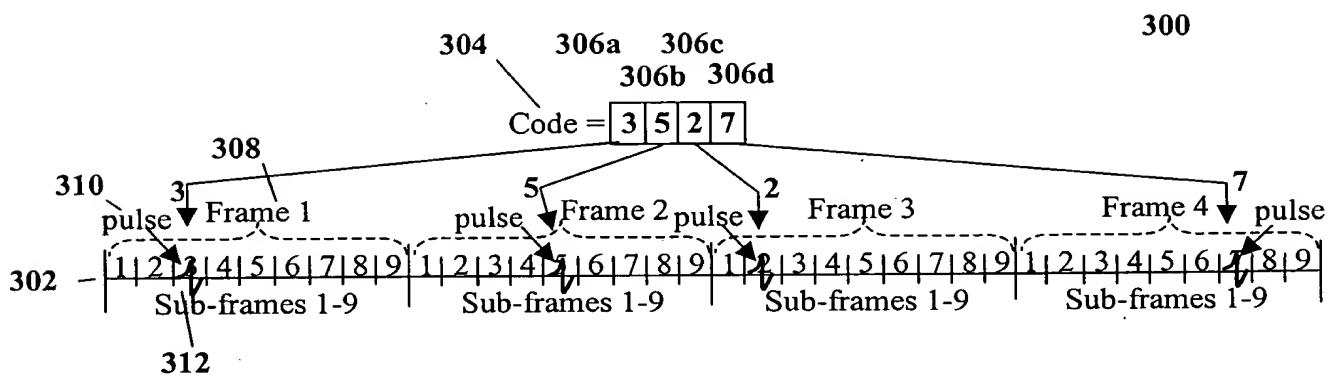


FIGURE 3a

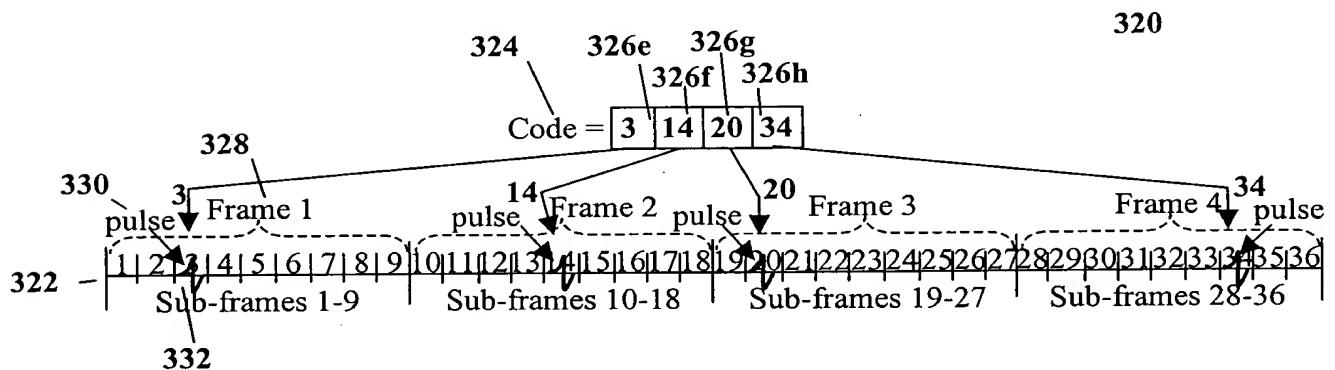


FIGURE 3b

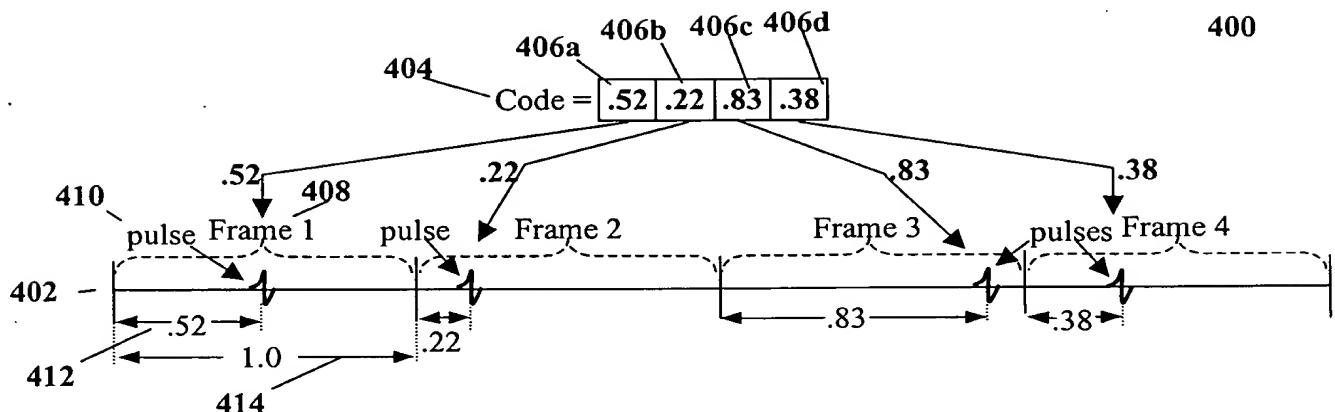


FIGURE 4a

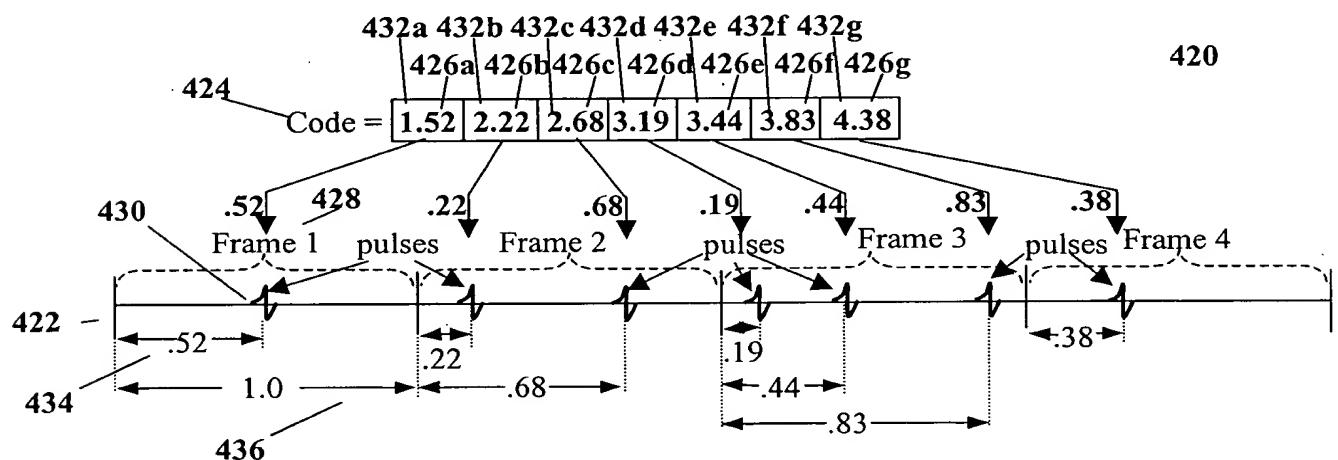


Figure 4b

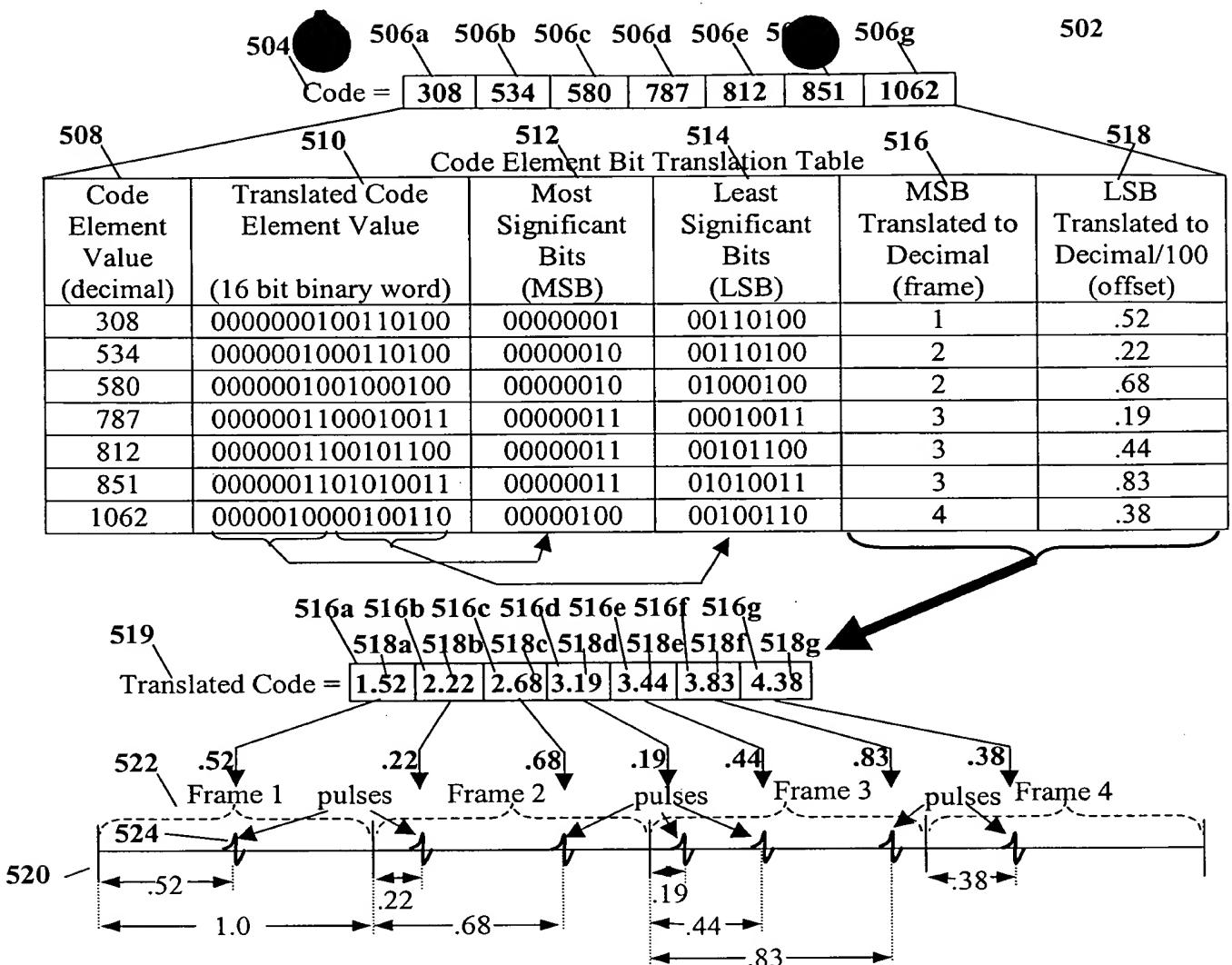


FIGURE 5a

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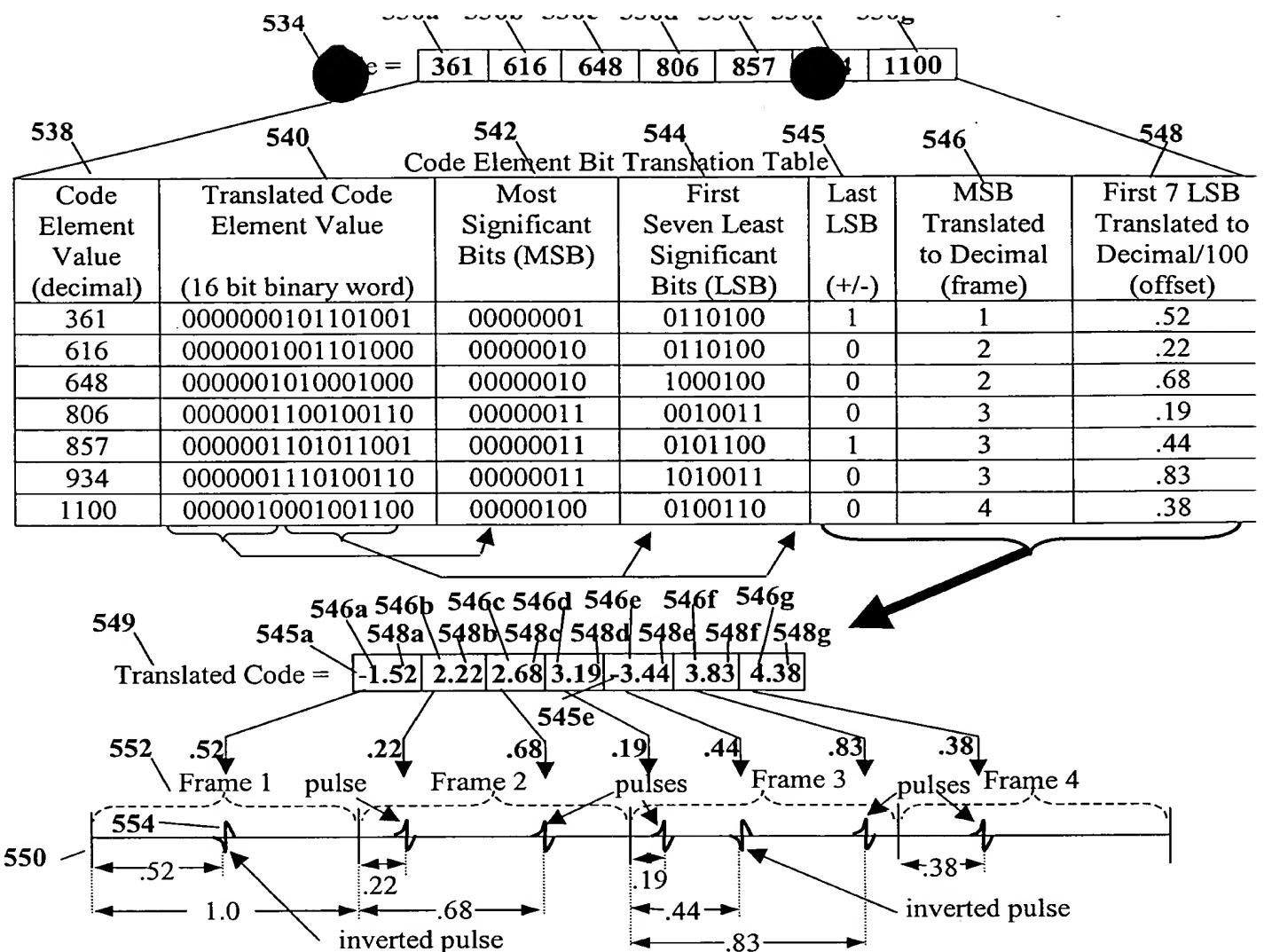


FIGURE 5b

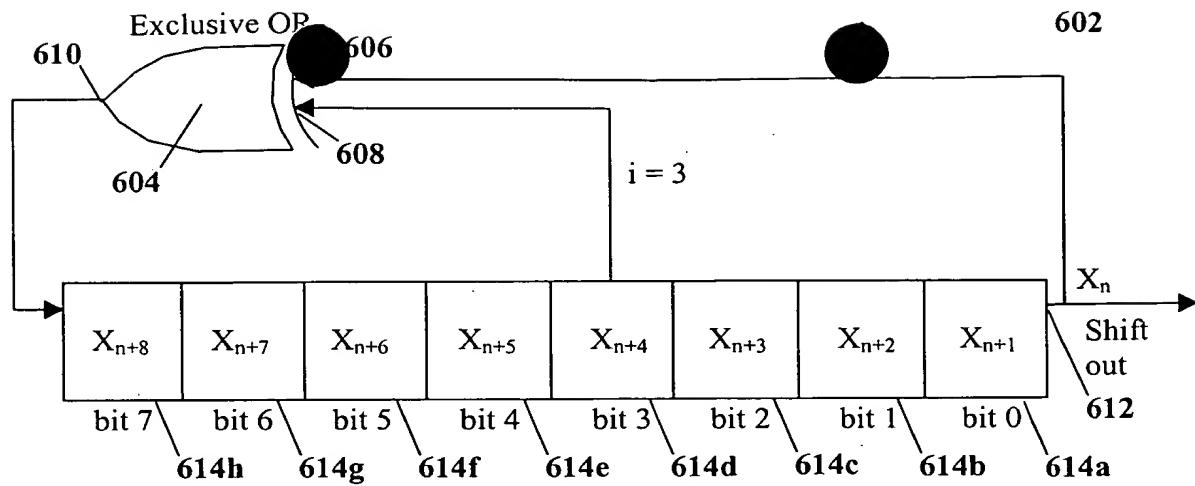


FIGURE 6a. Linear Feedback Shift Register

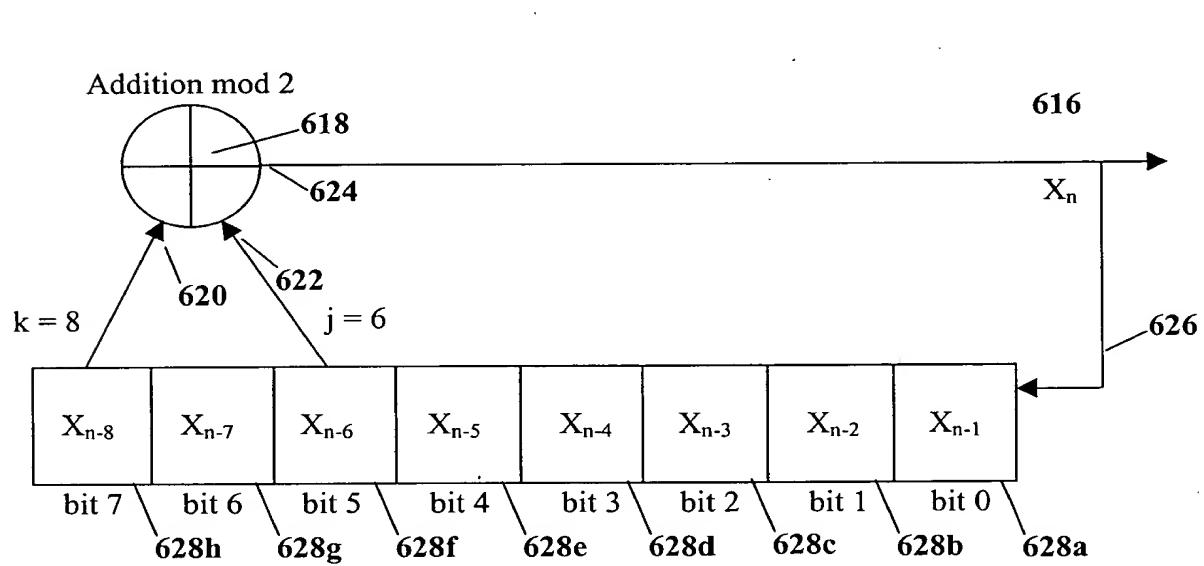


FIGURE 6b. Lagged-Fibonacci Shift Register Generator

Quadratic Congruential Codes where $\alpha = \beta = 0$ and $p = 7$

$$y(k) = i k^2 \bmod 706$$

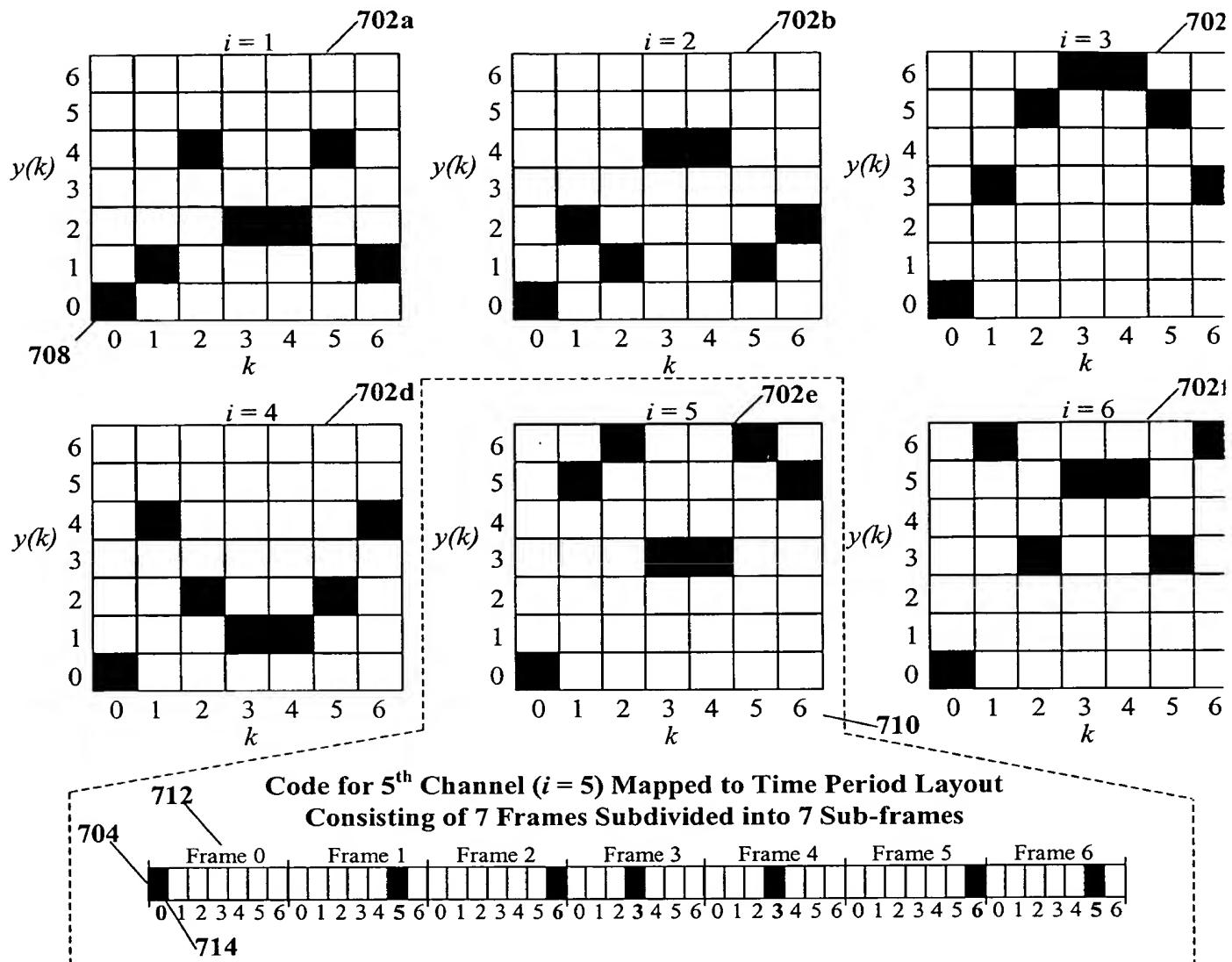


FIGURE 7.

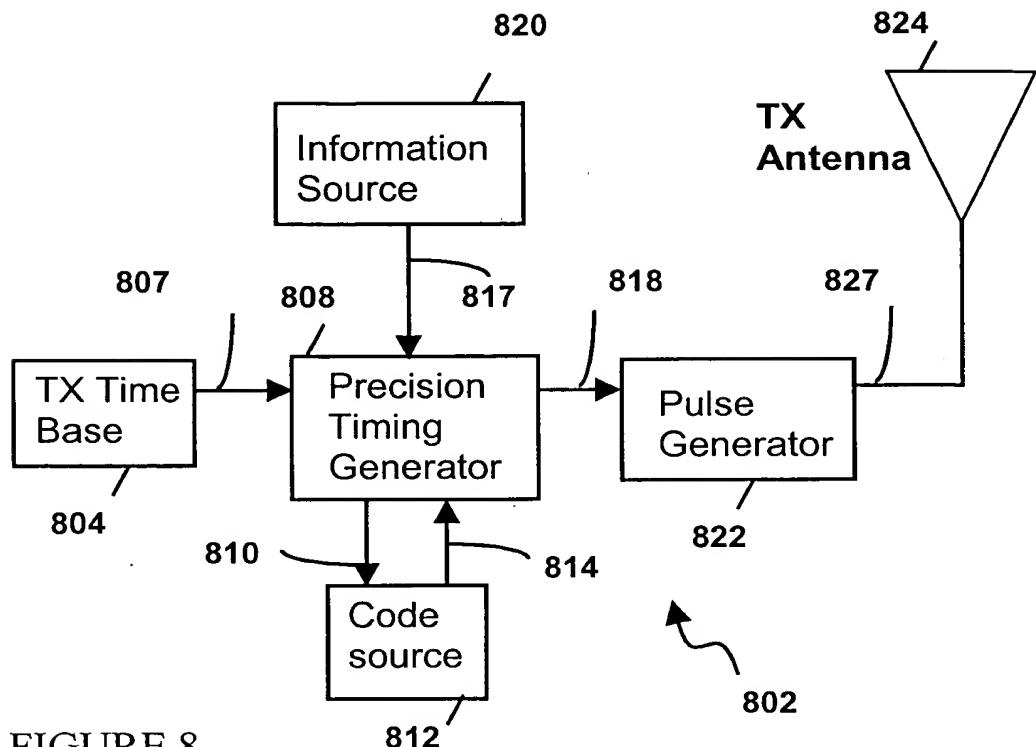
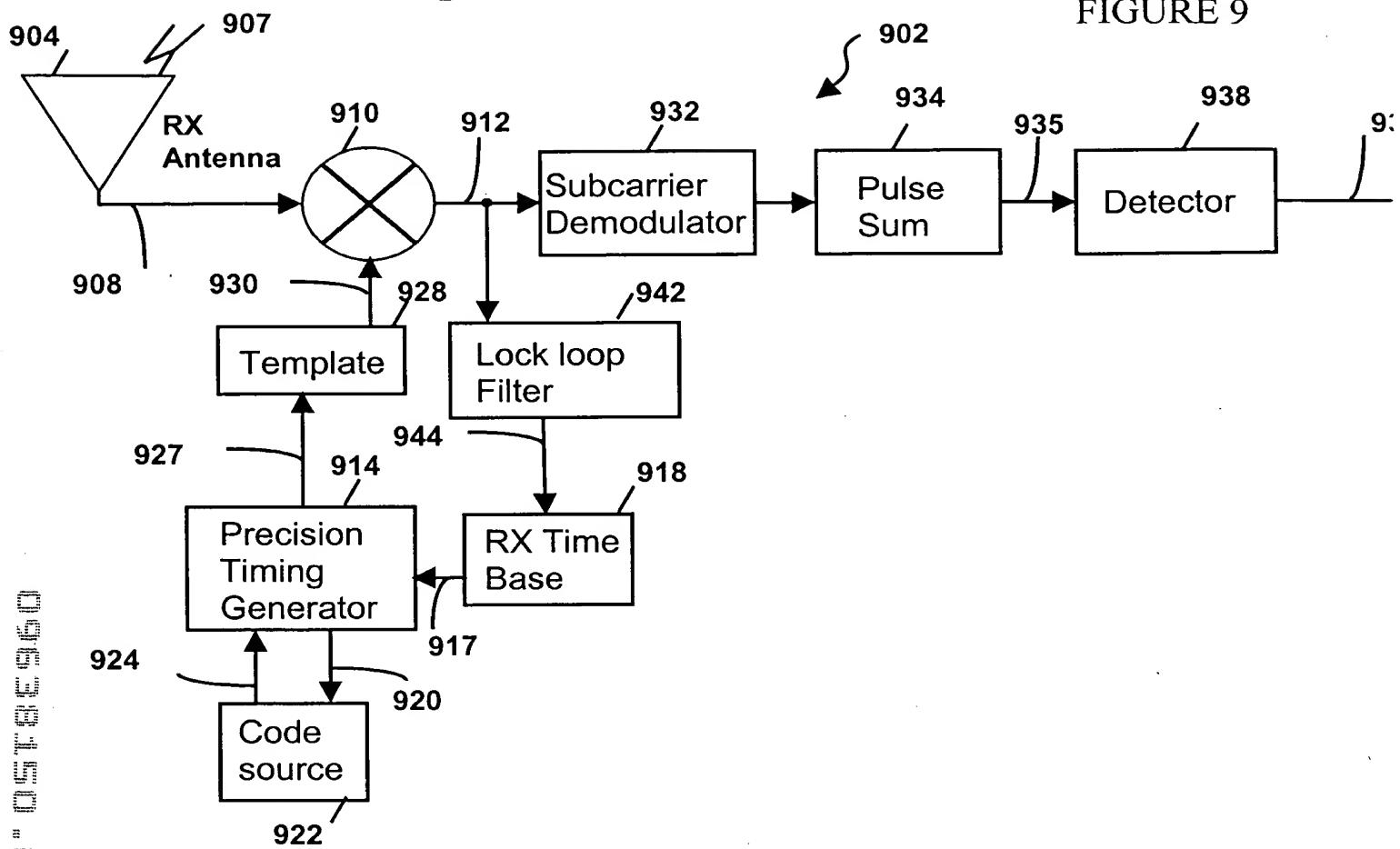


FIGURE 8

096345-00500

FIGURE 9



00070000000000000000000000000000

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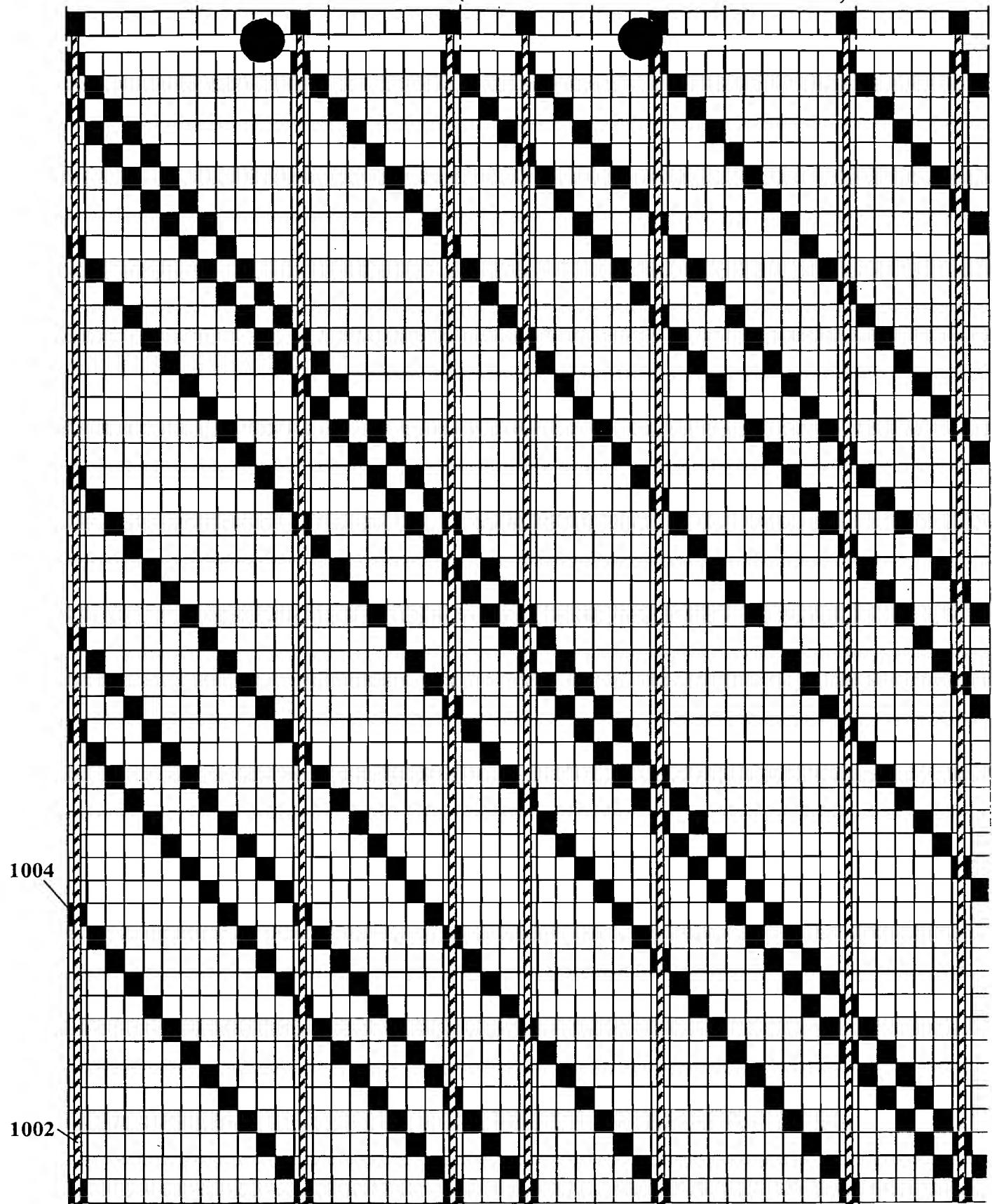


FIGURE 10.

Autocorrelation

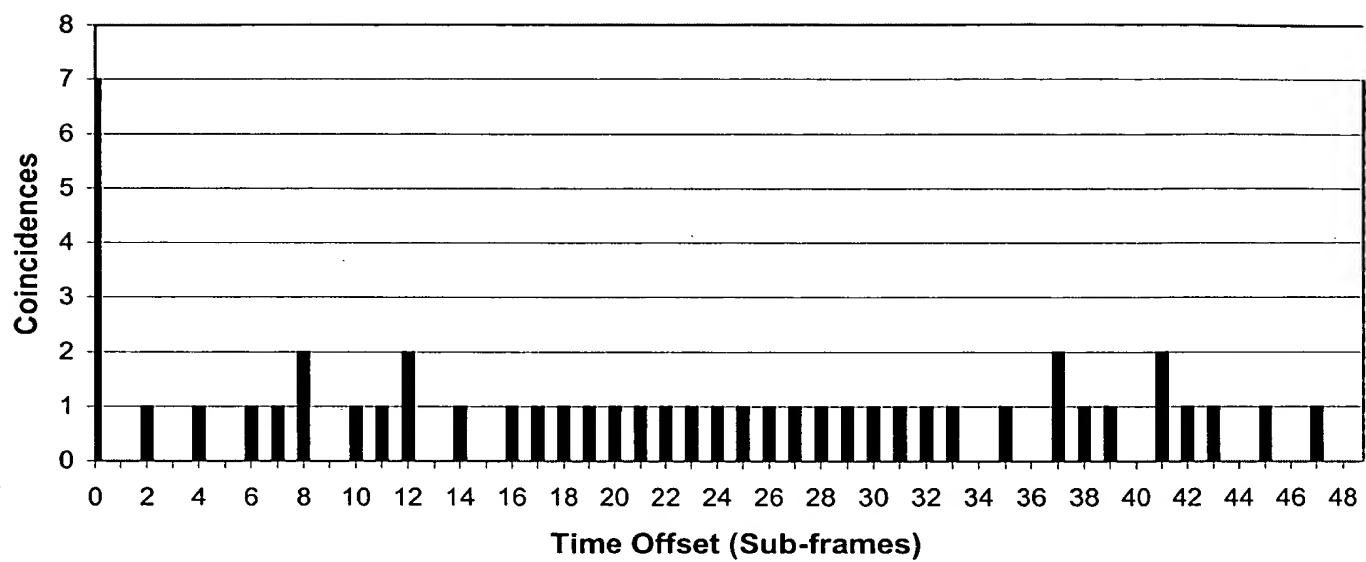


FIGURE 11.

Autocorrelation

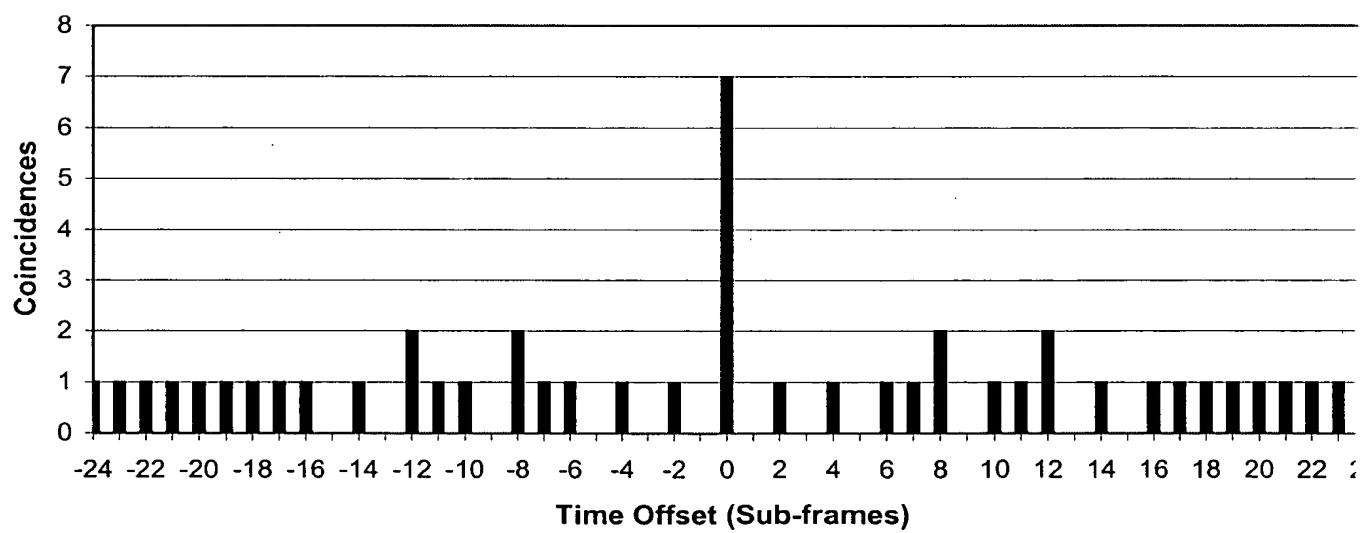


FIGURE 12.

Cross-correlation of S and O Codes (Time Offsets in 1 Sub-frame increments)

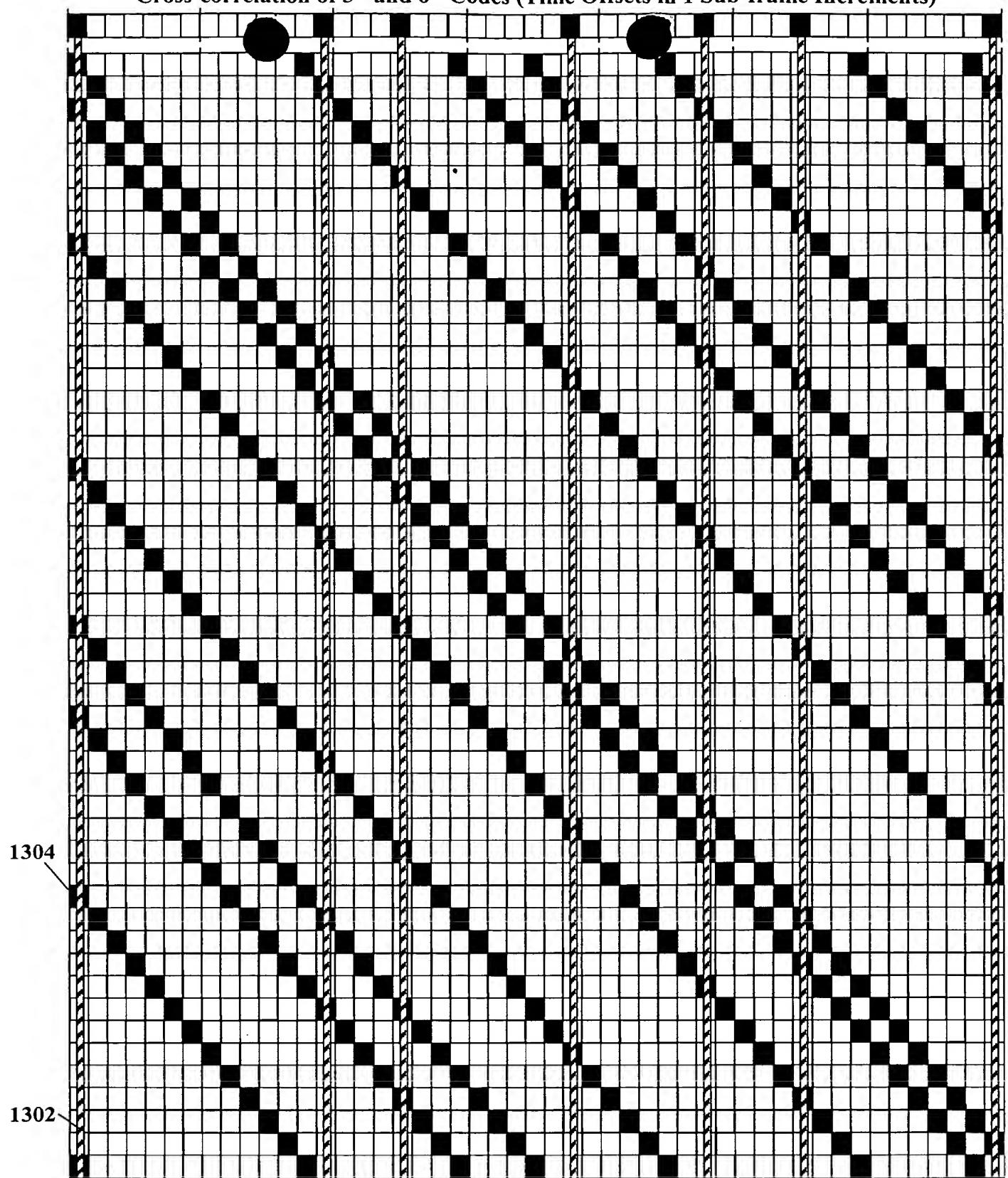


FIGURE 13.

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Cross-correlation of 5th and 6th Codes

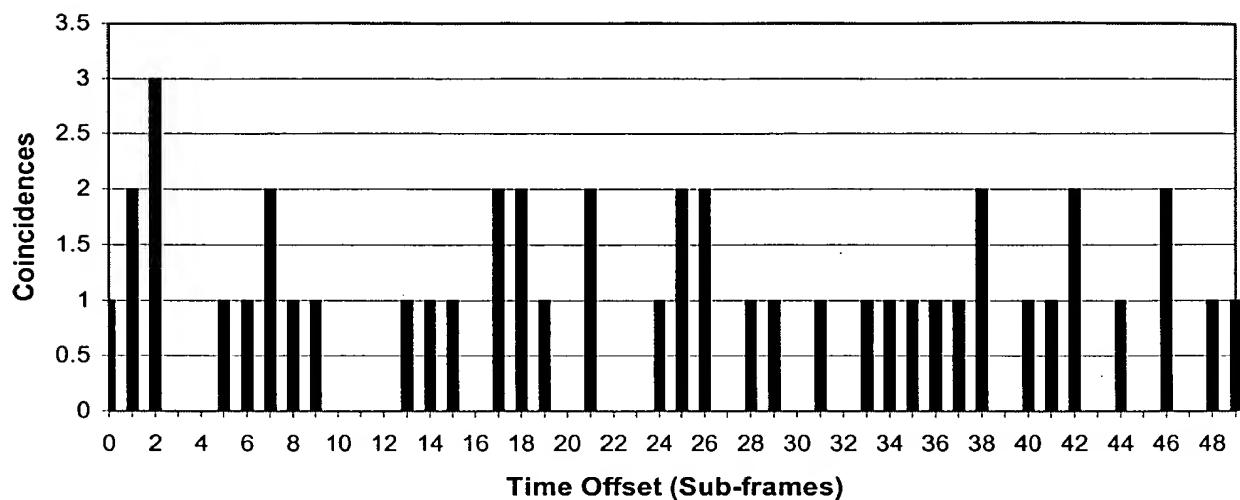


FIGURE 14.